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JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

(11) Publication number: 02114183 A  
 (43) Date of publication of application: 26.04.1990

(51) Int. Cl. G01R 31/02

(21) Application number: 63267102

(22) Date of filing: 25.10.1988

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(54) DETECTING METHOD OF ABNORMALITY OF  
 POWER CABLE LINE

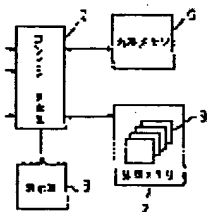
## (57) Abstract:

**PURPOSE:** To make detection of abnormality accurate by comparing a measured sheath current pattern within the present prescribed period with the measured sheath current pattern within the past prescribed period under the same condition as the above and by detecting abnormality such as a sheath current therefrom.

**CONSTITUTION:** The respective data on a measured load current, a measured sheath current, a measured leak current of a corrosion-resistant layer protecting device, etc. of the present power cable line 1 are introduced to the main body 2 of a computer where the

past prescribed period under the same condition as in said present prescribed period being used, the retrieved measured sheath current pattern in the past is displayed in the display unit 8. These present and past measured sheath current patterns are compared with each other and determination as to whether the sheath current of the line 1 is abnormal is made.

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